BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Providing and Supplying of Borewell accosseries to Existing borewells in ward No . 05 Surrounding area byatarayanapura Sub Division

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P1771

Name of Agency: Sri. Madhuraj H.N, Thirumala Complex, DVG Road, Bagepalli-561207

Work order No: BBMP/EE/BTP/WO/64/2019-20, Date: 15.07.2019

Measurements Recarded on :

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
			meters	meters	meters	meters	meters			
1	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage								Each	
	Kogilu Layout Near Venkateshwara Temple							1		
	Basavalingappanagara							1		
	Srinivaspura Near Burial Ground							1		
	Agrahara Layout 9th Cross							1		
	Babangara							1		
	Agrahara (Bazigar Layout)							1		
	Qty as per Premeasurement Recorded vide E-MB Page No. is							6.00	#######	452226.00
2	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Palanahalli to Vinayakanagara Near Appartment							1		
	Bellahalli Main Road							1		
	Noornagara							1		
	Bellahalli							1		
	Ambedakarnagara							1		
								5.00	#######	473355.00

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount
			meters	meters	meters	meters	meters			
3	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above Up to 20HP with star delta starter (MR)								Rmtr	
	Srinivaspura Near Burial Ground							1		
	Sapthagiri Layout Kattigenahalli							1		
	Basavalingappanagara							1		
	Shivapura Kanthi Sweet Road							1		
	Prakruthi Layout							1		
	manjunatha layout							1		
	Agrahara layout Qutres							1		
	Agrahara layout 8th Cross							1		
								8.00	#######	**175560.**
4	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe B Class (SR 18-19 PWD, P.No.XLVII Sl.no. 1								Rmtr	
	Sampigehalli Gundu Thopu	22	6.00					132.00		
	Kattigenahalli Sri Doddamma Temple	12	6.00					72.00		
	Dwarakangara Balaji layout	25	6.00					150.00		
	Srinivaspura Near Burial Ground	16	6.00					96.00		
	Datta Layout	28	6.00					168.00		
	Bellahalli	6	6.00					36.00		
	Jakkur Circle	4	6.00					24.00		
	Dwarakangara Brundhavana Collage	12	6.00					72.00		
	Palanahalli Lake	15	6.00					90.00		
	Agrahara Burial Ground	10	6.00					60.00		
	Agrahara Layout 1st Main 13th Cross	16	6.00					96.00		
								996.00	433.00	**431268.**
5	Supply and fixing Collar for GI Pipes 50MM (Page No. XLVII, Sl NO.2, PWD SR-2018-19								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Sampigehalli Gundu Thopu	4						4.00		
	Kattigenahalli Sri Doddamma	4						4.00		
	Dwarakangara Balaji layout	7						7.00		
	Srinivaspura Near Burial Ground	5						5.00		
	Datta Layout	4						4.00		
	Bellahalli	5						5.00		
	Jakkur Circle	3						3.00		
	Dwarakangara Brundhavana	4						4.00		
	Palanahalli Lake	8						8.00		
	Agrahara Burial Ground	4						4.00		
	Agrahara Layout 1st Main 13th	4						4.00		
								52.00	161.00	**8372.**
6	Supplying of submersible pump cable 1X3X6..0 Sq.mm (Page No. XLVII, Sl NO. 8, PWD SR-2018-19								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Sampigehalli Gundu Thopu	1	264.00					264.00		
	Kattigenahalli Sri Doddamma Temple	1	144.00					144.00		

DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
		meters	meters	meters	meters	meters			
Dwarakangara Balaji layout	1	300.00					300.00		
Srinivaspura Near Burial Ground	1	192.00					192.00		
Datta Layout	1	336.00					336.00		
Bellahalli	1	72.00					72.00		
Jakkur Circle	1	48.00					48.00		
Dwarakangara Brundhavana Collage	1	144.00					144.00		
Palanahalli Lake	1	180.00					180.00		
Agrahara Burial Ground	1	120.00					120.00		
Agrahara Layout 1st Main 13th Cross	1	192.00					192.00		
Ambedakarnagar	1	228.00					228.00		
Agrahara layout 9th Cross	1	220.00					220.00		
Noornagara	1	280.00					280.00		
Agrahara layotu 4th main Road	1	280.00					280.00		
							3000.00	150.00	**450000.00**
Supplying and fixing MCB (P.NO - XLVII, SL.NO - 19, PWD SR 18-19)								Each	
Qty as per Premeasurement Recorded vide E-MB Page No. 3 is									
Sampigehalli Gundu Thopu	1						1		
Kattigenahalli Sri Doddamma	1						1		
Dwarakangara Balaji layout	1						1		
Srinivaspura Near Burial Ground	1						1		
Datta Layout	1						1		
Bellahalli	1						1		
Jakkur Circle	1						1		
Dwarakangara Brundhavana	1						1		
Palanahalli Lake	1						1		
Agrahara Burial Ground	1						1		
Agrahara Layout 1st Main 13th	1						1		
Ambedakarnagar	1						1		
Agrahara layout 9th Cross	1						1		
Noornagara	1						1		
Agrahara layotu 4th main Road	1						1		
Dwarakangara Balaji layout	1						1		
Kogilu Layout Near Venkateshwara Temple	1						1		
Basavalingappanagara	1						1		
Srinivaspura Near Burial Ground	1						1		
Babangara	1						1		
Agrahara (Bazigar Layout)	1						1		
Sapthagiri Layout Kattigenahalli	1						1		
Shivapura Kanthi Sweet Road	1						1		
Prakruthi Layout	1						1		
manjunatha layout	1						1		
Agrahara layout Qutres	1						1		
Agrahara layout 8th Cross	1						1		
Vinayakanagara 4th Main	1						1		
Vinayakanagara 1st Main 5th	1						1		
Vinayakanagara 1st Main 2nd	1						1		
Dwarakanagara srirama Temple	1						1		
Kattigenahalli lake	1						1		
Palanahalli Near Kalyani	1						1		
Shivapura 5th Cross	1						1		
Kattigenahali Masjid Road	1						1		
Kattigenahalli , Kuvempunagara	1						1		
Sirinagara	1						1		
Vara Layout	1						1		
Kogilu Layout Tippunagara	1						1		

408.00

39.00

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount
			meters	meters	meters	meters	meters	39.00		
	Kogilu Sandeep Unnikrishnanagara	1						1		
	Srirampura Choultry	1						1		
	Thirumenahalli Lake	1						1		
	Telecom Layout Park	1						1		
	Royal Enclave	1						1		
	Srirampura Near Overhead Tank	1						1		
	Chokkanahalli Circle	1						1		
	Thirumenahalli Near Ashwathkatte	1						1		
	Bellahalli Near Masjid	1						1		
	Agrahara Near Burial Ground	1						1		
	Sampigehalli Burial Ground	1						1		
								50.00	940.00	**47000**
8	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 6, I.NO - 2.3, PWD SR 18-19)								cum	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									
	Lakshmaiah Garden Main Road, Agrahara	1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	22.00	0.60	0.75			**9.90**		
	Kattigenahalli Krishnagara 1st Cross	1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	14.00	0.60	0.75			**6.30**		
	2nd Cross	1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	18.00	0.60	0.75			**8.10**		
	3rd Cross	1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	18.00	0.60	0.75			**8.10**		
	Krishnanagara to Kattigenahalli Main Road	1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	30.00	0.60	0.75			**13.50**		
		1	28.00	0.60	0.75			**12.60**		
								450.00	331.00	**148950.**

DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
		meters	meters	meters	meters	meters			
Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P.NO - 94, I.NO - 13.73.2, PWD SR 18-19)								mtr	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Lakshmaiah Garden Main Road, Agrahara	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	22.00					22.00		
Kattigenahalli Krishnagara 1st	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	14.00					14.00		
	1	30.00					30.00		
2nd Cross	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	18.00					18.00		
3rd Cross	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	18.00					18.00		
Krishnanagara to Kattigenahalli	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	30.00					30.00		
	1	28.00					28.00		
							1000.00	412.00	412000.00
Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 7, I.NO - 2.11, PWD SR 18-19)								cum	
Qty as per Premeasurement Recorded vide E-MB Page No. is									
Lakshmaiah Garden Main Road, Agrahara	1	30.00	0.60	0.75			13.50		
	1	30.00	0.60	0.75			13.50		
	1	30.00	0.60	0.75			13.50		
	1	30.00	0.60	0.75			13.50		
							54.00		

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount
			meters	meters	meters	meters	meters	54.00		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	22.00	0.60	0.75			9.90		
	Kattigenahalli Krishnagara 1st	1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	14.00	0.60	0.75			6.30		
	2nd Cross	1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	18.00	0.60	0.75			8.10		
	3rd Cross	1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	18.00	0.60	0.75			8.10		
	Krishnanagara to Kattigenahalli	1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	30.00	0.60	0.75			13.50		
		1	28.00	0.60	0.75			12.60		
								450.00	134.00	60300
11	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)								Rmtr	
	Srinivaspura Near Burial Ground	1	1100.00	20.00				22000.00		
	Sapthagiri Layout Kattigenahalli	1	1100.00	20.00				22000.00		
	Basavalingappanagara	1	1100.00	20.00				22000.00		
	Shivapura Kanthi Sweet Road	1	1100.00	20.00				22000.00		
	Prakruthi Layout	1	1100.00	20.00				22000.00		
	manjunatha layout	1	1100.00	20.00				22000.00		
	Agrahara layout Qutres	1	1100.00	20.00				22000.00		
	Agrahara layout 8th Cross	1	1100.00	20.00				22000.00		
	Agrahara Layout 9th Cross	1	1100.00	20.00				22000.00		
	Palanahalli to Vinayakangara Near Appt	1	1100.00	20.00				22000.00		
								220000.00	0.35	77000
12	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... P No. 32/I No 3b KPWD Electrical SR 2010-11								Rmtr	
	Qty as per Premeasurement Recorded vide E-MB Page No. is									

Ward No.
DE
Ambedakarr
Agrahara lay
Noornagara
Dwarakanga
Kogilu Layou
Basavalinga
Srinivaspura
Agrahara (B
Sapthagiri L
Shivapura K
Prakruthi La
manjunatha
Agrahara lay
Vinayakanag
Vinayakanag
Dwarakanag
Kattigenaha
Palanahalli
Shivapura 5
Kattigenaha
Kattigenaha
Sirinagara
Vara Layout
Kogilu Layou
Kogilu Sanc
Srirampura
Thirumenaha
Telecom Lay
Royal Enclav
Srirampura
Chokkanaha
Thirumenaha
Bellahalli Ne
Agrahara Ne
Sampigehall
Supplying a
galvanised s
sqmm cable
Qty as per P
Kuvempuran
Agrahara Lay
Srirampura
Agrahara Ba
Palanahalli
Agrahara lay
Assistant En

DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
		meters	meters	meters	meters	meters			
Ambedakarnagar	1X3						3		
Agrahara layout 9th Cross	1X3						3		
Noornagara	1X3						3		
Dwarakangara Balaji layout	1X3						3		
Kogilu Layout Near	1X3						3		
Basavalingappanagara	1X3						3		
Srinivaspura Near Burial Ground	1X3						3		
Agrahara (Bazigar Layout)	1X3						3		
Sapthagiri Layout Kattigenahalli	1X3						3		
Shivapura Kanthi Sweet Road	1X3						3		
Prakruthi Layout	1X3						3		
manjunatha layout	1X3						3		
Agrahara layout 8th Cross	1X3						3		
Vinayakanagara 4th Main	1X3						3		
Vinayakanagara 1st Main 2nd	1X3						3		
Dwarakanagara srirama Temple	1X3						3		
Kattigenahalli lake	1X3						3		
Palanahalli Near Kalyani	1X3						3		
Shivapura 5th Cross	1X3						3		
Kattigenahali Masjid Road	1X3						3		
Kattigenahalli , Kuvempunagara	1X3						3		
Sirinagara	1X3						3		
Vara Layout	1X3						3		
Kogilu Layout Tippunagara	1X3						3		
Kogilu Sandeep	1X3						3		
Srirampura Choultry	1X3						3		
Thirumenahalli Lake	1X3						3		
Telecom Layout Park	1X3						3		
Royal Enclave	1X3						3		
Srirampura Near Overhead Tank	1X3						3		
Chokkanahalli Circle	1X3						3		
Thirumenahalli Near Ashwathkatte	1X3						3		
Bellahalli Near Masjid	1X3						3		
Agrahara Near Burial Ground	1X3						3		
Sampigehalli Burial Ground	1X3						3		
							105.00	156.00	**16380.00**
Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)								Each	
Qty as per Premeasurement Recorded vide E-MB Page No. 3 is									
Kuvempuranagara Kattigenahalli	1	33.00					33.00		
Agrahara Layout Near Govt	1	21.00					21.00		
Srirampura Muneshwara Temple	1	28.00					28.00		
Agrahara Bazigar layout	1	36.00					36.00		
Palanahalli Near lake	1	24.00					24.00		
Agrahara layout Main Road	1	23.00					23.00		
							165.00	177.00	**29205.00**
						Total			**2781616.00**

Assistant Engineer
16/11/2020
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
16/11/2020
Byatarayanapura Sub Division,
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24